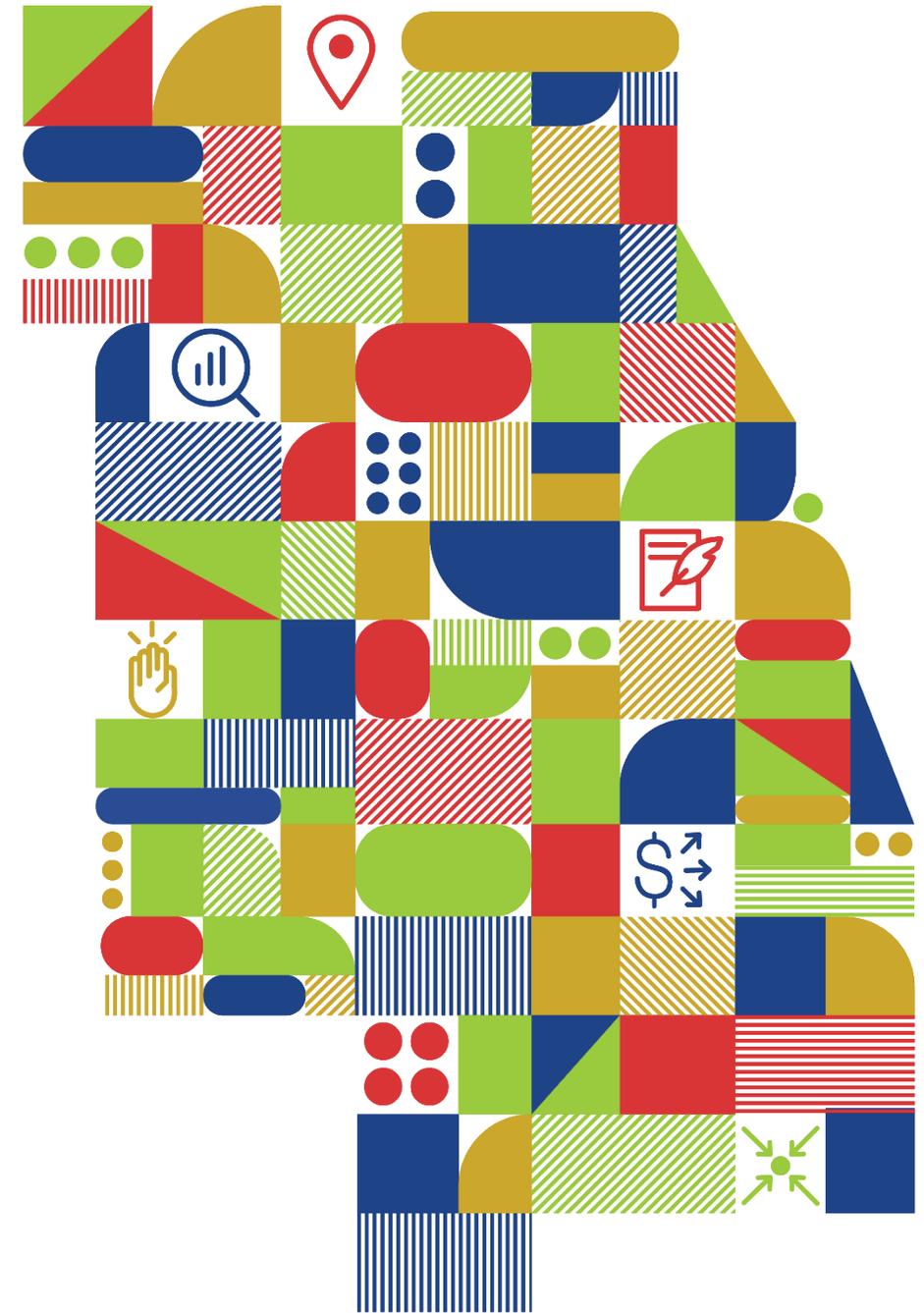




Regional Traffic Safety Resource Group Update

Transportation Committee
July 16, 2021

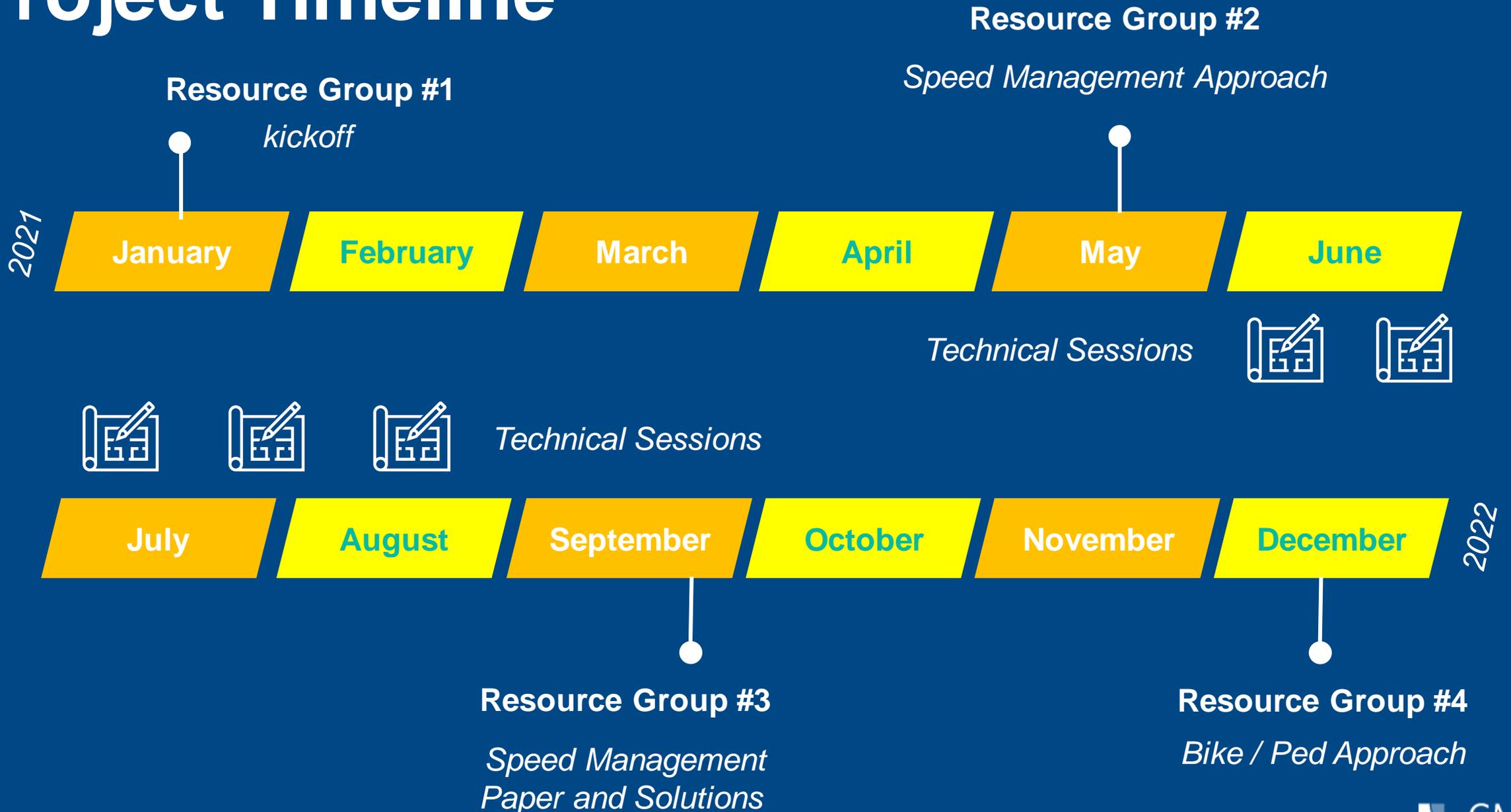


Regional Traffic Safety Action Agenda

Mission Recap

- Address long-term regional traffic safety in a comprehensive, equitable, data-driven, and collaborative way
- Center the work around ON TO 2050 guiding principles, CMAP's core values, and our ability to implement
- Support and amplify the work of our partners efficiently and effectively
- Develop long-term regional traffic safety coalition

Project Timeline



Safety Action Agenda Update

- In Practice: Local Technical Assistance projects
- Outreach, engagement and media
 - Weekly articles
 - CMAP Talks: Complete Streets: Safe by Design
 - Presentations to partners and committees
 - Coming soon: safety webpage
- Data: Regional speed data
- People: Resource Group, partner meetings, summer intern

Policy Paper

Improving Regional Travel Safety through Speed Management

- Equity lens
- Process
- Partners
- Evaluation

*Framed by ONTO 2050 Principles:

- Inclusive growth
- Resilience
- Prioritized investment

Approaches to Speed Management*

Design/
Engineering

Operations
and
technology

Policies and
legislation

Education &
Awareness

Enforcement
practices

State of the Practice: Speed Management

- Leading examples
- Neither conclusive nor exhaustive; general sense of possibilities and direction
- Guide and hone our research and analysis
- Expect new ideas to emerge
- Eye towards implementation

In the news

New York City Transportation Officials Propose 24/7 Camera Operations To Combat Apparent Speeding Epidemic

By CBSNewYork Team December 22, 2020 at 6:13 pm Filed Under: Kiran Dhillon, Local TV, NYC Department of Transportation, NYPD

45% increase in people struck and killed while walking
The last four years were the most deadly in three decades

More people died on Illinois roads last year than since 2007. pandemic to blame?



In Transit: With fewer cars on the roads in 2020, why did more people die in crashes?



NATIONAL TRANSPORTATION SAFETY BOARD

HOME NEWS & EVENTS SAFETY ADVOCACY INVESTIGATIONS DISASTER ASSISTANCE

Home > Safety Advocacy > Most Wanted List > Protect Vulnerable Road Users Through a Safe System Approach

Protect Vulnerable Road Users Through a Safe System Approach

2021-2022 NTSB MOST WANTED LIST OF TRANSPORTATION SAFETY IMPROVEMENTS

The Washington Post
Democracy Dies in Darkness

Business Pfizer coronavirus vaccine revenue projected to hit \$26 billion in 2021 with...
National **Live updates:** Covid-19 live updates: India cracks 20 million coronavirus cases as infecti...
PostEverything • Perspective Yes, it's legal for businesses and schools to require you to get a coronavi...
The Fix • Analysis The worst coronavirus predictions
Health Officials grapple with coronavirus vaccine hesitancy among Latino evangelic...
National **Live update** shortage to las manufacturerv

Coronavirus U.S. map World map Vaccine tracker Vaccine FAQ Variants FAQ A pandemic year Coronavirus Living

Transportation

The coronavirus pandemic emptied America's roadways. Now speeders have taken over.

You're Driving Too Damn Fast

A new report shows it's not texting, drunken drivers, teenagers or jaywalkers causing Portland's epidemic of pedestrian deaths. It's speed.

STREETSBLOG CHICAGO

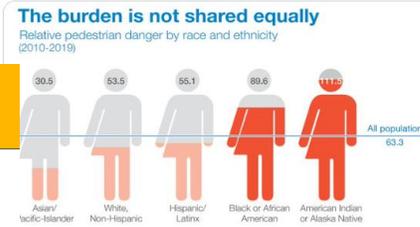
Donate / Contact / About Us / Newsletter

New data shows Chicago's speed cameras are effective in preventing traffic deaths

By John Greenfield | Mar 4, 2021 | 34 COMMENTS

Secretary Pete Buttigieg
@SecretaryPete

These disparities are awful, but we know how to fix them. It's time to reverse these patterns of exclusion and invest in safer, equitable streets.
smartgrowthamerica.org/dangerous-by-d...



FEBRUARY 6, 2020 | BY LEAH SHAHUM
IN PRESS, NEWS, SAFETY OVER SPEED

Momentum Grows to Modernize Speed-Setting Practices for Safety with Release of California Report

FOR IMMEDIATE RELEASE

Media Contact: Leah Shahum, Director, Vision Zero Network

Design Example: Self-enforcing streets

- FHWA: A self-enforcing road (“self-explaining”) is a roadway that is planned and designed to encourage drivers to select operating speeds in harmony with the posted speed limit
- Countermeasures: design (ex. pedestrian refuges) and information (ex. speed feedback loops)
- Leverage design to minimize reliance on enforcement
- See also: complete streets, traffic-calming



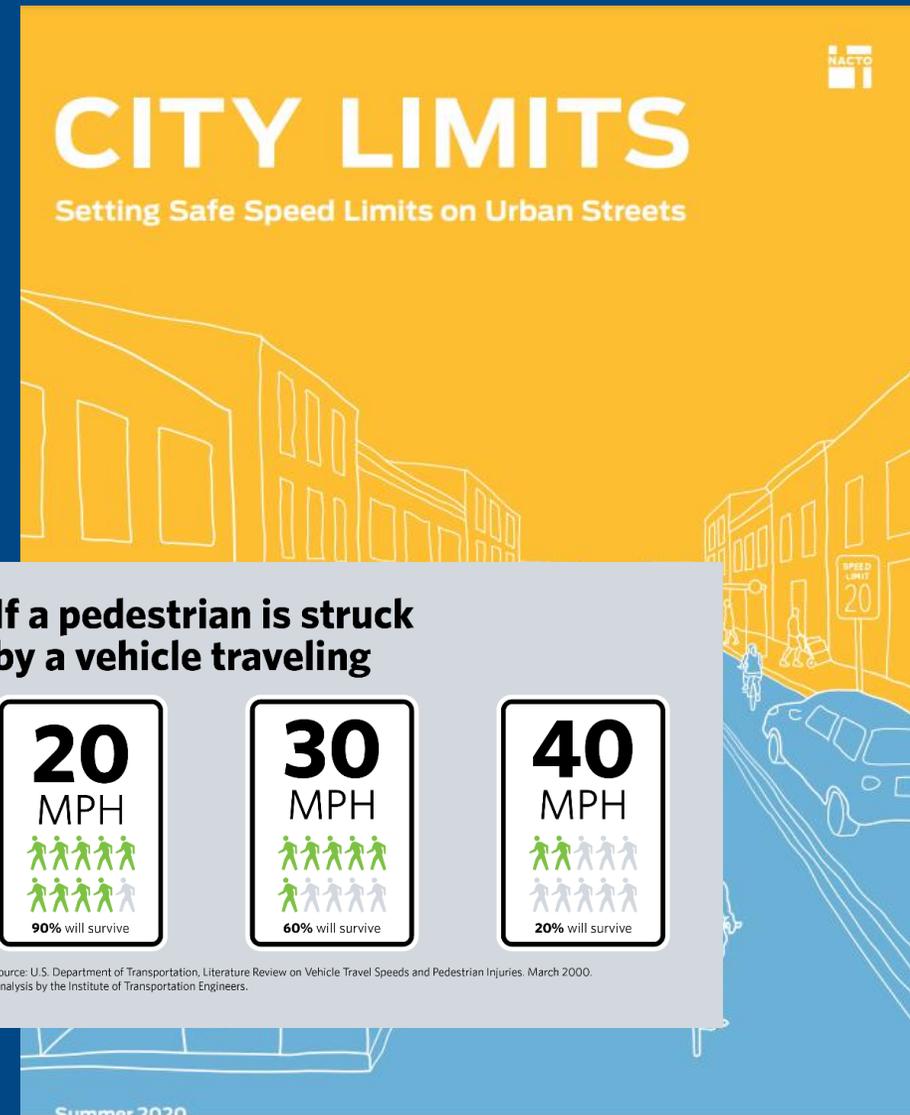
Photo credit: Jim Charlier



Photo credit: Scott Batson

Policy Example: Speed Limit Guidance

- Concerted effort to move away from 85th-percentile approach
- Coordinate with context and design – target speeds
- Seattle study: reducing speed limits and increasing the frequency of speed limit signage reduced crashes by 20% to 40%



Education Example: Regional Safety Culture

- Institutionalize & publicize regional safety information
 - Regular reporting on fatalities
 - Regular safety meetings
- Training and technical assistance
- Align with funding opportunities
- Measure performance (before/after)



Enforcement Example: Automation



Photo: David Wexler for New York Daily News

- NYC “safety cameras” are an experiment-in-progress ~ 1200 speed cameras currently and more to come
- Early data show fewer collisions & rapid decline in average weekly violations after installation
- Different types of communities are seeing success (and use them differently)
- Needs to be analyzed from equity perspective
- Doesn't control for impairment, use of seatbelts, etc.



What are the most important traffic safety needs in your jurisdiction, community, agency?



Thank you!

Victoria Barrett

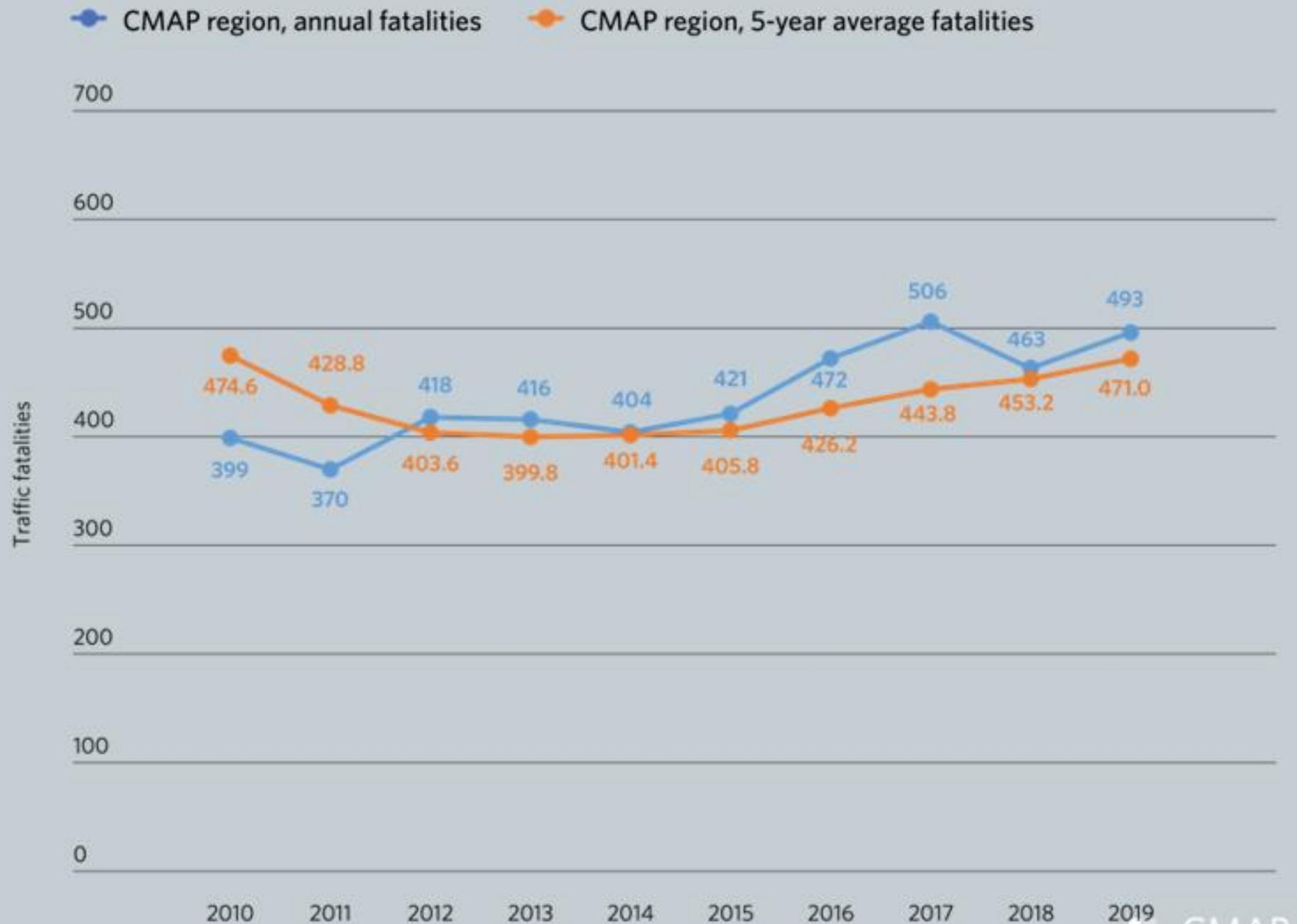
vbarrett@cmap.illinois.gov

cmap.illinois.gov

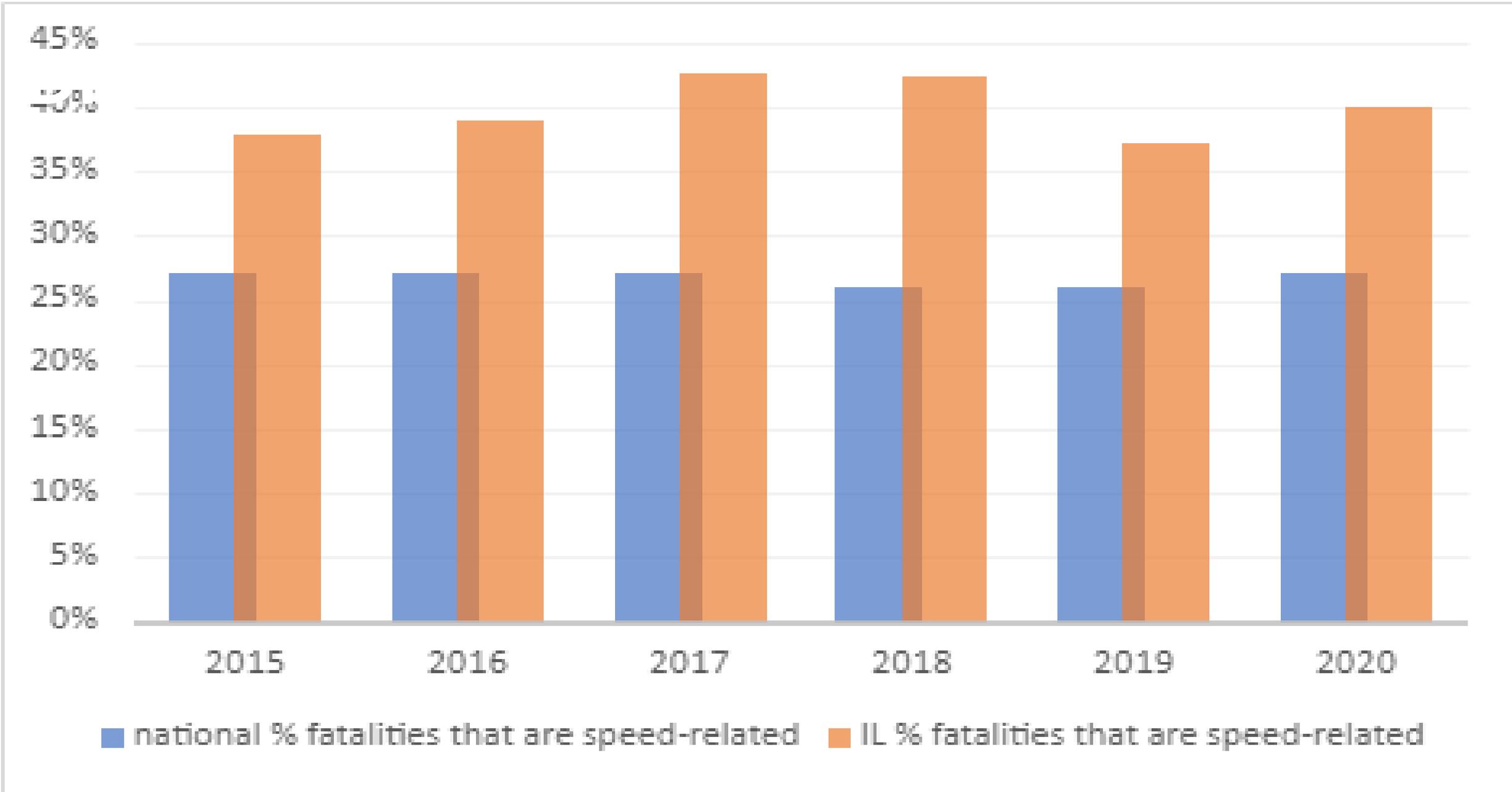
Key points: Speed Management Discussion

- Address speed management from all the topic areas
- Maximize design, operations, policies and education to reduce reliance on enforcement
- Design (and other) guidance must be context-sensitive
- Develop targeted education efforts for different stakeholders
- Explore data collection programs to measure performance

Traffic Fatalities in northeastern Illinois



Source: CMAP analysis of crash data obtained from the Illinois Department of Transportation



Speed-related fatalities in the US and IL. Source: FARS